

WHAT IS CLAIMED IS:

1. A light comprising:

a) a housing;

b) a plurality of LED lights coupled in an array inside said housing; and

c) a reflector coupled to said housing wherein said reflector is for reflecting light from said plurality of LED lights out of said housing.

2. The device as in claim 1, wherein said reflector is in the shape of a dome.

3. The device as in claim 1, wherein said housing is substantially tubular and includes at least one translucent section which allows light to flow therefrom.

4. The device as in claim 3, wherein said reflector has a surface that is substantially light reflecting and wherein light from said LED array is reflected off of said surface.

5. The device as in claim 4, wherein a first LED array is coupled to said first end of said housing and a second LED array is coupled to a second end of said housing.

6. The device as in claim 3, wherein said housing has a first section that is substantially reflecting and a second section that is substantially translucent.

7. The device as in claim 3, wherein said housing is substantially bowl shaped.

8. The device as in claim 3, further comprising a film made from prismatic lenses for reflecting and amplifying light emitted from said LED lights.

9. The device as in claim 1, wherein said LED light array is coupled to and disposed inside a housing having at least one heat sink.

10. The device as in claim 9, wherein said heat sink is in the form of a flange extending radially out from said light housing.

11. The device as in claim 10, wherein said light housing is adapted to receive a plurality of LED arrays each coupled into said housing with each of said LED arrays being set so that said LED lights shine at different angles.

12. The device as in claim 1 wherein said reflector is shaped as an elongated.

13. The device as in claim 3, wherein said LED lights in said LED array are aligned to direct light along a longitudinal axis of said housing.

14. The device as in claim 3, wherein at least one of said LED lights in said LED array are formed at an angle in relation to a longitudinal axis of said housing.

15. A light comprising:

a) a housing;

b) a plurality of LED lights coupled in at least one array inside said housing; and

c) at least one collimating lens disposed within said housing for collimating light sent from said LED light array;

d) at least one spherical reflector disposed in said housing for reflecting light sent from said at least one collimating lens out of said housing to create a uniform light distribution pattern.

16. The device as in claim 15, further comprising at least one endcap housing wherein said at least one LED array and said at least one collimating lens are coupled into said endcap housing.

17. The device as in claim 16, wherein said at least one endcap housing further comprises at least one heatsink.

18. The device as in claim 17, wherein said at least one heatsink is in the form of a flange extending radially out from said at least one endcap housing.

19. The device as in claim 17, wherein said endcap housing is adapted to receive a plurality of LED arrays with LED lights from at least a first set of LED arrays being set at an angle that is different than an angle of a set of lights in a second LED array.

20. An LED light system comprising an LED light comprising:

- a) a power source;
- b) an AC/DC converter coupled to said power source for receiving an input from said power source;
- c) at least one LED array coupled to said AC/DC converter for receiving an input in the form of a DC current from said converter;
- d) a current regulator for controlling a flowing through said LED array.

21. The device as in claim 20, wherein said AC/DC converter comprises a bridge and at least one capacitor.

22. The device as in claim 20, wherein said current regulator comprises at least one transistor, and at least one diode.

23. The device as in claim 22, wherein said at least one current regulator comprises at least one additional transistor.

24. The device as in claim 20, wherein said at least one LED array comprises a plurality of LED arrays all connected in parallel to each other.

25. The device as in claim 20, wherein said LED array comprises a 4 X3 matrix array of individual LED lights.

26. The device as in claim 23, wherein said current regulator is designed to control a current to be approximately 20ma.